

## ABSTRACT OF THE DISCLOSURE

An automatic stainer for staining specimens that are arranged on specimen slides and embedded in a medium, preferably in paraffin, is described. The automatic stainer has multiple reagent containers arranged one behind another for treating the specimens. During staining, the specimen slides pass successively through the reagent containers. There are transport baskets for receiving multiple specimen slides, multiple transport baskets being received simultaneously each in different reagent containers. A motorized transport mechanism, with a lifting device that lifts all the transport baskets simultaneously out of the respective reagent container and transports them on into the respective adjacent reagent container, is provided. A heating station for heating the specimens and melting the embedding medium is arranged in front of the row of reagent containers. The heating station has at least one melting container for simultaneously receiving multiple transport baskets.

15 (FIG. 2)